

A. Permit Certificate

**MUNICIPAL
WASTEWATER REUSE PERMIT
LA-000090-03**

Mountain Utility Company LOCATED AT **165 Village Lane #A,**
Sandpoint, ID 83864 IS HEREBY AUTHORIZED TO CONSTRUCT,
INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN
ACCORDANCE WITH THE WASTEWATER RECLAMATION AND
REUSE RULES (IDAPA 58.01.17), WASTEWATER RULES (IDAPA
58.01.16), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11),
AND ACCOMPANYING PERMIT, APPENDICES, AND REFERENCE
DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF
SIGNATURE AND EXPIRES ON **(60 months from issue date)**.

Daniel Redline, Regional Administrator
Coeur d'Alene Regional Office
Idaho Department of Environmental Quality

Date:

**DEPARTMENT OF ENVIRONMENTAL QUALITY
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
(208) 769-1422
(208) 769-1404 fax**

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

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Appendices

1. Environmental Monitoring Serial Numbers
2. Site Maps

References

1. Plan of Operation (Operation and Maintenance Manual)
2. Silvicultural Site Plan Recreations' Utility Effluent Land Application Site, December 1995
3. Silvicultural Site Plan for Mountain Utility Co. at Schweitzer Mountain Resort Addendum to Permit #LA-00090-02 (Outback Inn), January 8, 2007

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000090-03 and are enforceable as such. This permit does not relieve the Mountain Utility Company, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons (often estimated as 27,200 gallons).
BMP or BMPs	Best Management Practice(s)
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – Typically April 01 through October 31 (214 days), unless otherwise specified
GW	Ground Water
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
Guidance	Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater
HLR_{gs}	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLR _{gs} limit is specified in Section F. Permit Limits and Conditions.
HLR_{ngs}	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. If applicable, the HLR _{ngs} limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop:
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per Reporting Year)
NGS	Non-Growing Season
NVDS	Non-Volatile Dissolved Solids (Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
SAR	Sodium Adsorption Ratio

C. Abbreviations, Definitions

SI	Supplemental Irrigation
Soil AWC	Soil Available Water Holding Capacity - the plant-available water storage capacity of a soil to a depth at which plant roots can utilize the stored moisture (typically 60 inches or root limiting layer).
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids also referred to as Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride should be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLAs) for point sources, Load Allocations (LAs) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 Water Quality Standards and Wastewater Treatment Requirements
Total Nitrogen	Total Nitrogen is defined as the sum of all forms of nitrogen present in a sample. Total Nitrogen is determined by adding the values of the Total Kjeldahl Nitrogen (TKN), Nitrate-N and Nitrite-N laboratory results.
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31.
WW	Wastewater

D. Facility Information

Legal Name of Permittee	Mountain Utility Company
Type of Wastewater	Municipal
Method of Treatment	Slow Rate Land Treatment
Type of Facility	Municipal
Facility Location	Schweitzer Mountain Resort, Bonner County, Idaho
Legal Location	<u>Schweitzer</u> : Township 58N, Range 2W, Section 21; <u>Outback</u> : Township 58N, Range 2W, Section 9; <u>Relocation Area</u> : Township 58N, Range 2W, Section 22
County	Bonner
USGS Quad	<u>Schweitzer and Relocation Area</u> : Sandpoint <u>Outback</u> : Colburn
Soils on Site	Priestlake gravelly sandy loam
Depth to Ground Water	Less than one foot to seasonal high groundwater
Beneficial Uses of Ground Water	Agricultural, Drinking Water
Nearest Surface Water	<u>Schweitzer</u> : Schweitzer Creek, a tributary to Sand Creek and Lake Pend Oreille (0.1 mile) <u>Outback</u> : Colburn Creek, a tributary to the Pack River and Lake Pend Oreille (0.2 mile) <u>Relocation Area</u> : Unnamed seasonal tributary to Sand Creek and Lake Pend Oreille (passes through site)
Beneficial Uses of Surface Water	Agriculture and Drinking Water (The Colburn Water Association is located nearby but is supplied water from a surface water intake on Berry Creek, a tributary to Colburn Creek outside the Schweitzer Outback drainage area)
Responsible Official Mailing Address Phone / Fax	Mr. Tom Trulock, Director Mountain Utility Company 165 Village Lane #A, Sandpoint, Idaho 83864 (208) 263-9555 or (208) 255-3042 / (208) 263-0775

E. Compliance Schedule for Required Activities

The *Activities* in the following table shall be completed on or before the *Completion Date* unless modified by the Department in writing.

Compliance Activity Number Completion Date	Compliance Activity Description
CA-090-01 Six (6) Months after Permit Issuance	<p>An updated Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater land application facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The Plan of Operation shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include daily sampling and monitoring requirements to assess the adequacy of wastewater treatment facility operation. The Plan of Operation shall contain at a minimum all of the information in the latest revision of the Plan of Operation Checklist. The Plan of Operation shall also include the following:</p> <p>1) Runoff Management Plan for control and mitigation of site runoff. This plan shall include administrative procedures and practices to avoid producing runoff from the site; and</p> <p>2) Quality Assurance Project Plan (QAPP) for monitoring required in this permit. The plan shall cover field activities; laboratory analytical methods and other activities; data verification and validation; data storage, retrieval and assessment; and monitoring program evaluation and improvement.</p>
CA-090-02 Eight (8) Months after Permit Issuance to submit the Seepage Testing Plan Forty Eight (48) after Permit Issuance to complete seepage testing of all required structures	<p>Submit a seepage testing plan that defines the approach, testing procedures, and schedule to conduct seepage testing in accordance with methods approved by DEQ on all new wastewater storage structures.</p> <p>Upon approval of the plan, conduct the seepage testing of the structures in the approved plan and submit test results to DEQ. The seepage performance standard is 0.125 inches per day for new wastewater storage structures. If a properly tested lagoon leaks more than 0.125 inches per day, the permittee shall either 1) submit, for DEQ approval, a plan and schedule to either retest, repair, replace or decommission structures not meeting this standard or 2) develop a plan based on ground water sampling and analyses and/or modeling to determine the effect of the lagoon leakage on the local ground water. If actual or predicted impacts do not comply with IDAPA 58.01.11 as determined by DEQ, the permittee shall comply with 1) above.</p>
CA-090-03 Six (6) months prior to projected site closure	<p>Per Standard Permit Condition 10 in Section J of this permit, a Site Closure/Rehabilitation Plan for the Schweitzer Creek site shall be submitted to DEQ for review and approval, which includes 1) an assessment of previous environmental data pertinent to possible remediation of the site, 2) an evaluation of adequacy of environmental monitoring requirements to determine site status; 3) environmental quality goals for ground water and soils; 4) a plan to abandon the old treatment lagoons on the site, prevent future ponding; 5) well abandonment; and 6) other management operations necessary for remediation of the site.</p>

E. Compliance Schedule for Required Activities

Compliance Activity Number Completion Date	Compliance Activity Description
CA-090-04 Annually	As an addendum to each Annual Report, prepare an Inflow and Infiltration Report describing and evaluating the work done during the past construction season to correct excessive inflow and infiltration in accordance with the recommendations of the Schweitzer Mountain Resort Infiltration/Inflow Study by Kimball Engineering, August 1999. Include a description and schedule of inflow/infiltration projects to be undertaken during the next construction season.
CA-090-05 Annually	As an addendum to each Annual Report, prepare an Equivalent Residential Unit (ERU) Report describing 1) New ERUs that connected to the sewer system during the year; 2) Total ERUs now actively connected to the sewer system; 3) ERUs not presently connected to the sewer system, but with approval to connect and/or with paid connection fees; and 4) ERUs planned for the next year.
CA-090-06 Eight (8) Months after Permit Issuance	Submit an updated Silvicultural Plan for both the Outback and Schweitzer Creek application areas, and the new Relocation area.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions		
Type of Wastewater	Municipal		
Application Site Area	Area	Class D (Spray)	Class E (Subsnow/drip)
	Schweitzer Creek	25.5 acres	32.4 acres
	Outback	---	2.35 acres
	Relocation	---	85.93 acres
Application Seasons	<u>All Sites:</u> No wastewater application is allowed on any HMU when the associated groundwater monitoring piezometers (see Appendix 1) show static groundwater levels less than thirty-six (36) inches below ground surface.		
	Area	Class D (Spray)	Class E (Subsnow/drip)
	<u>Schweitzer</u>	Growing Season: May 1 – October 31	Growing Season: May 1 – October 31 Non-growing Season: December 1 – March 31
	<u>Outback</u>		Growing Season: July 1 – October 1 Non-growing Season: November 1 – April 30 with adequate snow cover
	<u>Relocation</u>		Growing Season: May 1 – October 31 Non-growing Season: December 1 – March 31
Reporting Year for Annual Loading Rates	November 1 through October 31		

F. Permit Limits and Conditions

Category	Permit Limits and Conditions		
Monthly Growing Season Hydraulic Loading Rate, each HMU	Growing season (GS) Hydraulic Loading Rates shall be substantially equal to the Irrigation Water Requirement (IWR) throughout the growing season in accordance with the table below.		
	Month	Hydraulic Limit ¹	
		Acre-inches/acre	Gallons/acre
	May	1.87	51,000
	June	4.06	110,000
	July	5.83	158,000
	August	4.40	119,000
	September	1.84	50,000
	October	1.47	40,000
	Total	19.47	528,000
Monthly Non-Growing Season Hydraulic Loading Rate, each HMU	Non-growing season (NGS) Hydraulic Loading Rates shall be substantially equal to the values in the table below.		
	Month	Hydraulic Limit ¹	
		Acre-inches/acre	Gallons/acre
	January	2.76	75,000
	February	2.89	79,000
	March	2.04	56,000
	April	1.24	34,000
	November	1.11	30,000
	December	2.19	59,000
	Total	12.23	333,000
Ground Water Quality	Wastewater land application activities conducted by the permit shall not cause a violation of the <i>Ground Water Quality Rule</i> (GWQR), IDAPA 58.01.11 as now existing or later amended.		
Maximum Nitrogen Loading Rate, pounds/acre-year, each HMU	150 lbs/acre		
Construction Plans	Prior to construction or modification of all wastewater facilities associated with the land application system or expansion, detailed plans and specifications shall be submitted for review and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for DEQ review and approval.		
Buffer Zones	All buffer zones must comply with local zoning ordinances, at a minimum. Other minimum buffer zones are as follows:		
	Class D	Class E	

F. Permit Limits and Conditions

Category	Permit Limits and Conditions		
	<ul style="list-style-type: none">Reuse site to inhabited dwellings	500 ft	300 ft
	<ul style="list-style-type: none">Reuse site to areas accessible by the public	300 ft	50 ft
	<ul style="list-style-type: none">50 ft from reuse site to permanent and intermittent surface water50 feet from reuse site to irrigation ditches and canals500 feet from reuse site to private water supply wells¹1000 feet from reuse site to public water supply wells¹Berms and other BMPs shall be used to protect the well head of on-site wells. <p>1) These buffer zone distances shall be maintained unless a Department-approved well location acceptability analysis indicates an alternative buffer zone is acceptable</p>		
	Class D	Class E	
Disinfection Requirement	The median number of total coliform organisms shall not exceed 230 colony forming units (CFU) per 100 milliliters (CFU/100 mL), as determined from the results of the last three (3) days for which the analyses have been completed. In addition the number of total coliform organisms shall not exceed 2300 CFU per 100 milliliters in any confirmed sample.	Wastewater is not disinfected. Total coliform organism counts up to “too numerous to count” (TNTC).	
Fencing and Posting	Signs shall be posted and maintained every 500 ft and at each corner of the outer perimeter of the buffer zones of the wastewater reuse sites which read ‘Irrigated with Reclaimed Wastewater –Do Not Drink’ or equivalent. Due to the remoteness of the site, fencing will not be required, but signs must be large enough, close enough and high enough that visitors will encounter the warning.	Signs shall be posted and maintained every 250 ft and at each corner of the outer perimeter of the buffer zones of the wastewater reuse sites which read ‘Sewage Effluent Application – Keep Out’ or equivalent. Due to the remoteness of the site, fencing will not be required, but signs must be large enough, close enough and high enough that visitors will encounter the warning.	
Runoff Control	Upon approval of the Runoff Management Plan by DEQ, required as part of the Plan of Operation in Section E CA-090-01 of this permit, the permittee shall implement and operate in accordance with the plan.		
Allowable Crops	Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed. Timber harvest and management shall be in accordance with the recommendations of the approved Silvicultural Site Plan, revised according to Section E CA-090-06 of this permit.		

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Odor Management	The land application facilities and other operations associated with the facility shall not create a public health hazard or nuisance conditions including odors. These facilities shall be managed in accordance with a DEQ-approved Odor Management Plan as part of the Plan of Operations, required in Section E CA-090-01 of this permit. In the event that nuisance odors, verified by DEQ, occur, the Plan shall be revised as necessary to eliminate or minimize the recurrence of nuisance odors.

G. Monitoring Requirements

The Permittee is allowed to apply wastewater and treat it on a land application site as prescribed in the table below and in accordance with all other applicable permit conditions and schedules.

- 1) Appropriate analytical methods, as given in the *Idaho Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the facility's Quality Assurance Project Plan (QAPP), which shall be part of the Operation and Maintenance Manual.
- 2) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.
- 3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 4) Unless otherwise agreed to in writing by DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table on the following pages. Wastewater monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown.
- 5) Ground Water Monitoring Procedure: Ground Water Monitoring Wells shall be purged a minimum of three casing volumes. The static water level shall be measured prior to pumping or sampling for ground water.
- 6) Surface water sampling procedure: One grab sample shall be collected at locations 300 feet upstream and downstream of the application area. The stream flow shall be estimated during each sampling event.
- 7) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.
- 8) Monitoring locations are defined in Appendix 1, "Environmental Monitoring Serial Numbers".

G. Monitoring Requirements

Facility Monitoring Table

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
May 1 to October 31	Facility Rain Gauge	Precipitation	Inches of rainfall during a 24-hour day, in excess of ¼-inch
Monthly (March – October) Every other month (November – February, when accessible)	Lagoon #2 underdrain (SW-009003)	Discharge measurement and sampling from underdrain outlets	Estimated flow in gallons per minute Sample for fecal coliform, if flow present (# org/100 mL)
June and October after lagoons are operational	Lagoon #3 and #4 underdrains (SW-009006, SW-009007)	Discharge measurement and sampling from underdrain outlets	Estimated flow in gallons per minute Sample for fecal coliform, if flow present (# org/100 mL) In the event of a significant increase in either dry weather flow or bacteria counts, contact DEQ and the system engineer to investigate possible liner failure.
Record Daily, Compile Monthly	Lagoon influent flow meters for lagoons in Appendix 1	Volume of wastewater influent to lagoons	Gallons per month
Record Weekly	Lagoon Freeboard Levels for lagoons in Appendix 1		Feet
Record Daily when land applying; Compile Monthly	Flow meters on effluent irrigation pumps	Volume of wastewater land applied	Inches/acre-month and Gallons/acre-month to each active HMU in Appendix 1
Monthly, when land applying	Wastewater Sampling Points (WW-009002, WW-009003, WW-009004)	Grab sample	TKN, Nitrate + Nitrite, COD

G. Monitoring Requirements

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Every Other Week when land applying	Wastewater Sampling Point WW-009002	Grab sample	Total coliform bacteria (CFU/100 mL)
April and November	Groundwater monitoring piezometers in Appendix 1	Depth-to-water measurement before purging Grab sample after purging	Static water level Nitrate-N, Electrical conductivity, Total Coliform Bacteria
Starting two weeks prior to application season and continuing weekly until groundwater >36 inches below ground surface	Groundwater monitoring piezometers in Appendix 1	Static groundwater level in the piezometers to determine start of application season	Static water level
April and November	Surface water sampling points (SW-009001, SW-009002, SW-009004, SW-009005)	Grab sample	Nitrate-N, Total Coliform Bacteria
Annually	Active HMUs in Appendix 1	Loading calculation from monthly wastewater samples	Nitrogen applied from wastewater to each HMU, lbs/acre-year
Annually	Outback HMUs in Appendix 1	Non-growing season	Start and end dates of non-growing season wastewater application
Annually, when applicable	Active HMUs in Appendix 1	Timber harvesting	Million board feet, or other appropriate harvest measurement

H. Standard Reporting Requirements

- 1.) The Permittee shall submit an Annual Wastewater Reuse Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year, which shall cover the previous reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.
- 2.) The annual report shall contain the results of the required monitoring as described in *Section G. Monitoring Requirements*. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.
- 3.) The annual report shall be submitted to the Engineering Manager in the applicable Regional DEQ Office.

Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239
208-373-550

Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
208-769-1422

Idaho Falls Regional Office
900 N. Skyline, Suite B
Idaho Falls, ID 83402
208-528-2650

Lewiston Regional Office
1118 "F" Street
Lewiston, ID 83501
208-799-4370

Pocatello Regional Office
444 Hospital Way, #300
Pocatello, ID 83201
208-236-6160

Twin Falls Regional Office
1363 Fillmore St.
Twin Falls, ID 83301
208-736-2190

A copy of the annual report shall also be mailed to:

Richard Huddleston, P.E.
Wastewater Program Manager
1410 N. Hilton
Boise, ID 83706
208-373-0561

- 4.) Notice of completion of any work described in *Section E. Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.
- 5.) All laboratory reports containing the sample results for monitoring required by *Section G. Monitoring Requirements* of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater Reuse Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.
2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site. Wastewater discharges to surface water that require a permit under the Clean Water Act must be authorized by the U.S. Environmental Protection Agency.
3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.16.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:
 - a. Apply wastewater as evenly as practicable to the treatment area;
 - b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
 - c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.
4. The permittee shall:
 - a. Manage the wastewater reuse treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
 - b. Not hydraulically overload any particular areas of the wastewater reuse treatment site.
5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.
6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Wastewater Reuse Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.
7. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
 - a. Enter the permitted facility,
 - b. Inspect any records that must be kept under the conditions of the permit.
 - c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
 - d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.
8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:
 - a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
 - b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
 - c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

I. Standard Permit Conditions: Procedures and Reporting

DEQ Regional Office: see Permit Certificate Page
Emergency 24 Hour Number: 1-800-632-8000

- d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
 - i. A description of the non-compliance and its cause;
 - ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
 - iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.
- e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.
9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.
10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

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J. Standard Permit Conditions: Modifications, Violation, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.
2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.
3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in Section I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.
4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
5. Any person violating any provision of the Wastewater Reuse Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars (\$10,000) or one thousand dollars (\$1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.
6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Reuse Permit Regulations.
7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.
8. If, pursuant to Idaho Code, 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.
9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.
10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1

Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description	Acres	Status
MU-009001	Area 1A	0.70	Active
MU-009002	Area 1B	1.80	Active
MU-009003	Area 2	3.00	Active
MU-009004	Area 3	2.50	Active
MU-009005	Area 4	3.00	Active
MU-009006	Area 5	2.50	Active
MU-009007	Area 6	2.50	Active
MU-009008	Area S-1A	1.00	Active
MU-009009	Areas S-2A/S-2B	1.00/1.00	Active
MU-009010	Area 7	3.00	Active
MU-009011	Area 8	3.00	Active
MU-009012	Area 9	3.00	Active
MU-009013	Area 10	3.00	Active
MU-009019	Area S-5	1.18	Active
MU-009020	Area S-6	1.13	Active
MU-009021	Area S-7/8	0.74	Active
MU-009023	Area S-9	3.50	Active
MU-009024	Area S-10	8.45	Active
MU-009025	Area S-11	3.87	Active
MU-009026	Area S-12	3.12	Active
MU-009027	Area S-13	2.48	Active
MU-009028	Area S-14	2.43	Active
MU-009030	Area OUT-1A	1.20	Active
MU-009031	Area OUT-1B	1.15	Active
MU-009032	Area IA-1	5.77	Pending Construction Phase IA
MU-009033	Area IA-2	5.76	Pending Construction Phase IA
MU-009034	Area IA-3	4.20	Pending Construction Phase IA
MU-009035	Area IA-4	5.74	Pending Construction Phase IA
MU-009036	Area IA-5	4.22	Pending Construction Phase IA
MU-009037	Area IA-6	5.23	Pending Construction Phase IA
MU-009038	Area IB-1	6.40	Pending Construction Phase IB

Appendix 1

Environmental Monitoring Serial Numbers

Serial Number	Description	Acres	Status
MU-009039	Area IB-2	3.92	Pending Construction Phase IB
MU-009040	Area IB-3	5.08	Pending Construction Phase IB
MU-009041	Area IB-4	5.15	Pending Construction Phase IB
MU-009042	Area IB-5	5.01	Pending Construction Phase IB
MU-009043	Area IB-6	4.93	Pending Construction Phase IB
MU-009044	Area IB-7	5.39	Pending Construction Phase IB
MU-009045	Area IB-8	4.86	Pending Construction Phase IB
MU-009046	Area IB-9	5.18	Pending Construction Phase IB
MU-009047	Area IB-10	3.64	Pending Construction Phase IB
MU-009048	Area IB-11	3.59	Pending Construction Phase IB
MU-009049	Area IB-12	1.86	Pending Construction Phase IB

WASTEWATER AND SURFACE WATER SAMPLING POINTS

Serial Number	Description
SW-009001	Schweitzer Creek at least 300 feet upstream of HMU application areas
SW-009002	Schweitzer Creek at least 300 feet downstream of HMU application areas
SW-009003	Lagoon #2 underdrain discharge
SW-009004	Unnamed creek at least 300 feet upstream of HMU application areas, when flowing
SW-009005	Unnamed creek at least 300 feet downstream of HMU application areas, when flowing
SW-009006	Lagoon #3 underdrain discharge
SW-009007	Lagoon #4 underdrain discharge
WW-009002	In operations building at Schweitzer Creek site
WW-009003	In operations building at Outback site
WW-009004	In operations building at Relocation site

Appendix 1
Environmental Monitoring Serial Numbers
GROUND WATER MONITORING PIEZOMETERS

Serial Number	Description	Location	Associated Area
GW-009001	#1	Downgradient	MU-009026 (S-12)
GW-009002	#2	Upgradient	MU-009027 (S-13)
GW-009003	#3	Downgradient	MU-009025 (S-11)
GW-009004	#4	Upgradient	MU-009024 (S-10)
GW-009005	#5	Downgradient	MU-009024 (S-10)
GW-009006	#6	Downgradient	MU-009024 (S-10)
GW-009007	#7	Downgradient	MU-009009 (S-2)
GW-009008	#8	Upgradient	MU-009009 (S-2)
GW-009009	#9	Downgradient	MU-009009 (S-2)
GW-009011	#11	Downgradient	MU-009008 (S-1)
GW-009012	#12	Downgradient	MU-009008 (S-1)
GW-009013	#13	Downgradient	MU-009023 (S-9)
GW-009014	#14	Downgradient	MU-009021 (S-8)
GW-009015	#15	Downgradient	MU-009021 (S-7)
GW-009016	#16	Downgradient	MU-009020 (S-6)
GW-009017	#17	Downgradient	MU-009019 (S-5)
GW-009020	#S-1	Upgradient	MU-009011/13 (8,10)
GW-009021	#S-2	Downgradient	MU-009010 (7)
GW-009022	#S-3	Downgradient	MU-009011 (8)
GW-009023	#S-4	Downgradient	MU-009012 (9)
GW-009024	#S-5	Downgradient	MU-009004 (3)
GW-009025	#S-6	Downgradient	MU-009003 (2)
GW-009026	#S-7	Downgradient	MU-009001/2 (1)
GW-009027	#S-8	Downgradient	MU-009005 (4)
GW-009028	#S-9	Downgradient	MU-009006 (5)
GW-009029	#S-10	Downgradient	MU-009006 (5a, 5b)
GW-009030	OUT-1-1	Upgradient	MU-009030/31 (OUT-1A/-1B)
GW-009031	OUT-1-2	Downgradient	MU-009030 (OUT-1A)
GW-009032	OUT-1-3	Downgradient	MU-009030 (OUT-1A)
GW-009033	OUT-1-4	Downgradient	MU-009031 (OUT-1B)
GW-009034	OUT-1-5	Downgradient	MU-009031 (OUT-1B)
GW-009035	#U1	Upgradient	MU-009036 (IA-3)

Appendix 1

Environmental Monitoring Serial Numbers

Serial Number	Description	Location	Associated Area
GW-009036	#U2	Upgradient	MU-009034 (IA-1)
GW-009037	#U3*	Upgradient*	MU-009048 (IB-9*)
GW-009038	#D1	Downgradient	MU-009035 (IA-2)
GW-009039	#D2	Downgradient	MU-009038 (IA-5)
GW-009040	#D3	Downgradient	MU-009039 (IA-6)
GW-009041	#D4*	Downgradient*	MU-009042 (IB-3*)
GW-009042	#D5*	Downgradient*	MU-009047 (IB-8*)
GW-009043	#D6*	Downgradient*	MU-009046 (IB-7*)
GW-009044	#D7*	Downgradient*	MU-009049 (IB-10*)
GW-009045	#D8*	Downgradient*	MU-009045 (IB-6*)
GW-009046	#D9*	Downgradient*	MU-009044 (IB-5*)
GW-009047	#D10*	Downgradient*	MU-009043 (IB-4*)

* Scheduled for construction in Phase IB of the relocation process.

LAGOONS

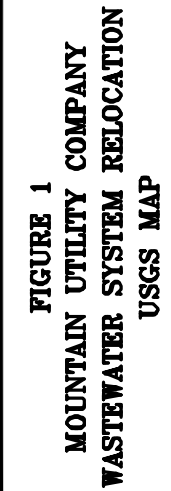
Serial Number	Description	Location
LG-009001	Lagoon #1 (1.3 MG capacity)	Treatment Site (T58N, R2W, S21)
LG-009002	Lagoon #2 (11.7 MG capacity)	Treatment Site (T58N, R2W, S21)
LG-009003*	Lagoon #3 (Aerated, 1.5 MG capacity)*	Relocation Area (T58N, R2W, S22)
LG-009004*	Lagoon #4 (13.0 MG capacity)*	Relocation Area (T58N, R2W, S22)

* Scheduled for construction in Phase IB of the relocation process.

Site Maps

- a) Figure 1. Overall Site Map.
- b) Figure 2. Schweitzer Creek Site Map.
- c) Figure 3. Outback Lodge Site Map.
- d) Figure 4. Relocation Site Map.

Draft



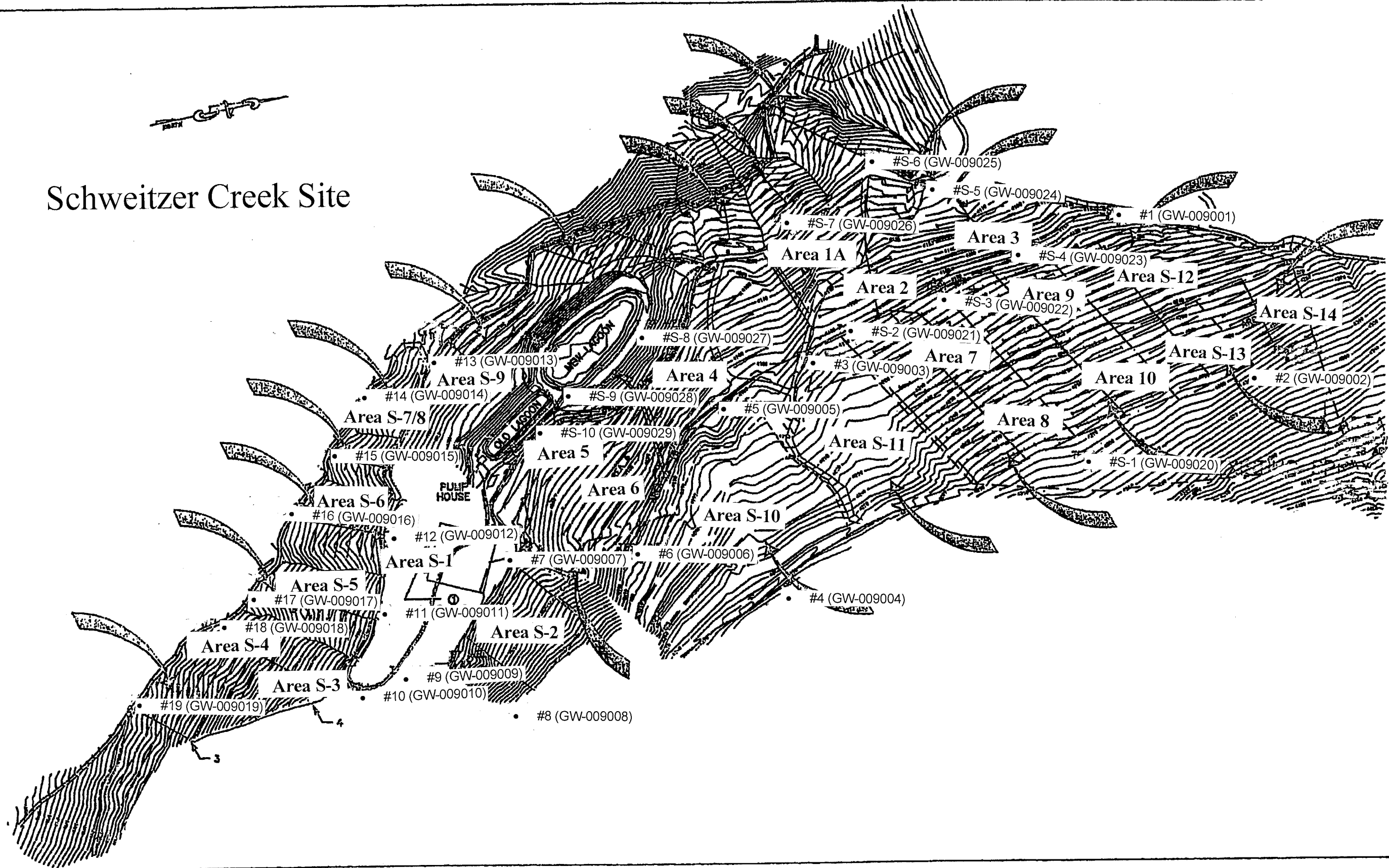
TOOTHMAN-ORTON ENGINEERING COMPANY
CONSULTING ENGINEERS, SURVEYORS AND PLANNERS

WEST 280 PRAIRIE AVENUE
COEUR D'ALENE, IDAHO 83815-7710
PHONE: (208) 762-3644
FAX: (208) 762-3708

WEST 280 PRAIRIE AVENUE
COEUR D'ALENE, IDAHO 83815-7710
PHONE: (208) 762-3644
FAX: (208) 762-3708

NO.	REVISIONS		E-FILE NAME
	ITEM	DATE	
			ISSS
			DESIGNED
			W/H
			DRAWN
			W/H
			CHECKED
			SSM
			APPROVED
			SSM

Schweitzer Creek Site





LATERAL (TYP)

AREA
OUT-1B
(1.15 ACRES)

AREA OUT-1A
(1.20 ACRES)

OUT-1-5 (GW-009034)

OUT-1-3 (GW-009032)

OUT-1-4 (GW-009033)

OUT-1-2 (GW-009031)

OUT-1-1 (GW-009030)

PRV ASSEMBLY
(SEE DETAIL, THIS)

50'
BUFFER

50'
BUFFER

CREEK

CREEK

L = 165.36' (22) (23)
L = 168.47' (20) (21)
L = 174.53' (18) (19)
L = 170.98' (16) (17)
L = 167.44' (14) (15)
L = 160.21' (12) (13)
L = 156.47' (10) (11)
L = 160.05' (8) (9)
L = 165.05' (6) (7)
L = 149.37' (4) (5)
L = 158.09' (2) (3)
L = 115.89' (1)
L = 148.84' (8) (9)
L = 141.48' (7) (8)
L = 130.54' (6) (7)
L = 118.73' (5) (6)
L = 172.02' (21) (22)
L = 171.30' (20) (21)
L = 161.54' (17) (18)
L = 164.15' (15) (16)
L = 159.80' (13) (14)
L = 147.52' (11) (12)

